

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035409.D
 Acq On : 23 Oct 2019 14:54
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Oct 23 17:14:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:45:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	245772	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	244862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	114943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	86484	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.93	69	80173	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.60	63	159604	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.20%
20) 2-Butanone-d5	4.70	46	231561	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.11	84	157180	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.75	65	84456	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.77	84	299083	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.73	67	98778	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.93	98	271608	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	8.21	79	39373	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.68	63	178796	46.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.98%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	87061	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	98476	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	115723	5.532	ug/L 99
3) Chloromethane	1.54	50	120818	5.823	ug/L 100
5) Vinyl chloride	1.62	62	125263	5.878	ug/L 99
6) Bromomethane	1.87	94	75810	6.025	ug/L 99
8) Chloroethane	1.95	64	79294	5.771	ug/L 98
9) Trichlorofluoromethane	2.16	101	156390	5.497	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	90918	5.547	ug/L 93
12) 1,1-Dichloroethene	2.61	96	84249	5.336	ug/L 93
13) Acetone	2.67	43	175964	58.740	ug/L 99
14) Carbon disulfide	2.82	76	259563	5.199	ug/L 98
15) Methyl Acetate	3.00	43	38204	5.118	ug/L 99
16) Methylene chloride	3.08	84	100045	5.267	ug/L 99
17) Methyl tert-butyl Ether	3.43	73	210843	4.961	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	88616	5.200	ug/L 94
19) 1,1-Dichloroethane	3.92	63	179479	5.824	ug/L 98
21) 2-Butanone	4.78	43	249910	51.184	ug/L 97
22) cis-1,2-Dichloroethene	4.72	96	99984	5.309	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	43621	5.380	ug/L	92
25) Chloroform	5.14	83	190243	5.627	ug/L	98
27) 1,2-Dichloroethane	5.84	62	110931	5.350	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	150098	5.233	ug/L	99
30) Cyclohexane	5.43	56	141489	4.606	ug/L	98
31) Carbon tetrachloride	5.57	117	131481	5.091	ug/L	100
33) Benzene	5.82	78	390940	5.426	ug/L	100
34) Trichloroethene	6.58	95	97784	5.048	ug/L	97
35) Methylcyclohexane	6.80	83	144518	4.464	ug/L	96
37) 1,2-Dichloropropane	6.83	63	101391	5.544	ug/L	99
38) Bromodichloromethane	7.15	83	130396	5.292	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	145643	4.758	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	612719	49.626	ug/L	97
42) Toluene	8.00	91	415635	5.226	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	118290	4.728	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	70387	5.184	ug/L	99
47) Tetrachloroethene	8.58	164	78530	4.867	ug/L	99
48) 2-Hexanone	8.73	43	457576	52.845	ug/L	96
49) Dibromochloromethane	8.84	129	85718	4.979	ug/L	99
50) 1,2-Dibromoethane	8.96	107	66630	4.909	ug/L	99
51) Chlorobenzene	9.48	112	260683	5.077	ug/L	99
52) Ethylbenzene	9.60	91	443466	4.904	ug/L	100
53) m,p-Xylene	9.72	106	161057	4.716	ug/L	100
54) o-Xylene	10.13	106	159705	4.792	ug/L	100
55) Styrene	10.14	104	270724	4.989	ug/L	100
56) Isopropylbenzene	10.51	105	422715	4.715	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	94564	5.412	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	66605	5.227	ug/L	98
61) Bromoform	10.32	173	49708	4.669	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	195243	4.978	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	192162	4.983	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	185475	5.033	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	11895	4.570	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	112975	4.648	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	74059	4.577	ug/L	99
69) Naphthalene	14.11	128	102454	4.613	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	77243	5.105	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

